Author Index of Vol. 70

Abel LA, see Grossman GE, et al. 470
Allman JM, see Petersen SE, et al. 55
Andersen RA, see Gnadt JW 216
Aniss AM, see Milne RJ, et al. 569
Armstrong-James M, George MJ: Bilateral receptive fields of cells in rat Sm1 cortex 155
Arshavsky Yu I, Deliagina TG, Meizerov ES, Orlovsky GN, Panchin Yu V: Control of feeding movements in the freshwater snail *Planorbis corneus*. I. Rhythmical neurons of buccal ganglia 310
Arshavsky Yu I, Deliagina TG, Orlovsky GN, Panchin Yu V: Control of feeding movements in the freshwater snail *Planorbis corneus*. II. Activity of isolated neurons of buccal ganglia 323
Arshavsky Yu I, Deliagina TG, Orlovsky GN, Panchin Yu V: Control of feeding movements in the freshwater snail *Planorbis corneus*. III. Organization of the feeding rhythm generator 332
Åstedt B, see Brundin P, et al. 192
Barthelemy J, Xerri C, Borel L, Lacour M: Neuronal coding of linear motion in the vestibular nuclei of the alert cat. II. Response characteristics to vertical optokinetic stimulation 287
Barthelemy J, see Xerri C, et al. 299
Battistini S, see Villani L, et al. 455
Bear MF, Kleinschmidt A, Singer W: Experience-dependent modifications of kitten striate cortex are not prevented by thalamic lesions that include the intralaminar nuclei 627
Berthoz A, see Delgado-García JM, et al. 585
Bischof H-J, see Engelage J 79
Bissoli R, see Villani L, et al. 455
Björklund A, see Brundin P, et al. 192
Björklund A, see Foster GA, et al. 225
Björklund A, see Foster GA, et al. 242
Bode-Greuel KM, Singer W: Developmental changes of the distribution of binding sites for organic Ca^{2+}-channel blockers in cat visual cortex 266
Bolam JP, Izzo PN: The postsynaptic targets of substance P-immunoreactive terminals in the rat neostriatum with particular reference to identified spiny striatonigral neurons 361
Borel L, see Barthelemy J, et al. 287
Borel L, see Xerri C, et al. 299
Boyle R, see Markert G, et al. 134
Brady DR, see Tranel D, et al. 406
Brody MJ, see Cox BF, et al. 61
Brundin P, Strecker RE, Widner H, Clarke DJ, Nilsson OG, Åstedt B, Lindvall O, Björklund A: Human fetal dopamine neurons grafted in a rat model of Parkinson's disease: immunological aspects, spontaneous and drug-induced behaviour, and dopamine release 192
Büttner U, see Markert G, et al. 134
Buettner UW, see Thier P, et al. 496
Buizza A, Courjon JH, Flandrin JM, Schmid R: Cross-coupled effects of repeated vestibular and optokinetic stimulations on the dynamics of the vestibulo-ocular and optokinetic reflexes in the cat 209
Bullier J, McCourt ME, Henry GH: Physiological studies on the feedback connection to the striate cortex from cortical areas 18 and 19 of the cat 90
Bullier J, see Wilson JR, et al. 399
Bureš J, see Hernandez-Mesa N, et al. 561
Carlsson A, see Hajos M, et al. 577
Charron LF, see Peyronnard JM, et al. 550
Clarke DJ, see Brundin P, et al. 192
Cohen B, see Schiff D, et al. 1
Collewijn H, see van den Berg AV 597
Contestabile A, see Villani L, et al. 455
Cook JE: Topographic refinement of the goldfish retinotectal projection: sensitivity to stroboscopic light at different periods during optic nerve regeneration 109
Cook TM, Crutcher KA: Lesion-induced CA1 mossy fibers in the rat represent a neoinnervation 433
Cope T, see Matsumura M, et al. 463
Courjon JH, see Buizza A, et al. 209
Cowey A, see Heywood CA, et al. 513
Cox BF, Schelper RL, Faraci FM, Brody MJ: Autonomic, sensory, and motor dysfunction following intrathecal administration of three substance P antagonists 61
Crutcher KA, see Cook TM 433
Cuello AC, see Foster GA, et al. 225
Cuello AC, see Foster GA, et al. 242
Dahl JL, see Kosaka T, et al. 605
Damasio AR, see Tranel D, et al. 406
Deecke L, see Lang W, et al. 99
Delgado-García JM, Vidal PP, Gómez C, Berthoz A: Vertical eye movements related signals in antidromically identified medullary reticular formation neurons in the alert cat 585
Deliagina TG, see Arshavsky Yu I, et al. 310
Deliagina TG, see Arshavsky Yu I, et al. 323
Deliagina TG, see Arshavsky Yu I, et al. 332
Deschênes M, see Smith Y, et al. 166
DiZio P, Lackner JR: The effects of gravitoinertial force level and head movements on post-rotational nystagmus and illusory after-rotation 485
Dueñas SH, Rudomin P: Excitability changes of ankle extensor group Ia and Ib fibers during fictive locomotion in the cat 15
Dykes RW, see Rasmusson DD 276
Emson PC, see Foster GA, et al. 225
Emson PC, see Foster GA, et al. 242
Engelage J, Bischof H-J: Enucleation enhances ipsilateral flash evoked responses in the ectostriatum of the zebra finch (Taeniopygia guttata castanotis Gould) 79
Evinger C, Manning KA: A model system for motor learning: adaptive gain control of the blink reflex 527
Falke N, Martin R: Opiate binding differentially associated with oxytocin and vasopressin nerve endings from porcine neurohypophyses 145
Faraci FM, see Cox BF, et al. 61
Fetz EE, see Matsumura M, et al. 463
Finsen B, Poulsen PH, Zimmer J: Xenografting of fetal mouse hippocampal tissue to the brain of adult rats: effects of Cyclosporin A treatment 117
Flandrin JM, see Buizza A, et al. 209
Foster GA, Schultzberg M, Gage FH, Björklund A, Hökfelt T, Cuello AC, Verhofstad AAJ, Visser TJ, Emson PC: Transmitter expression and morphological development of embryonic medullary and mesencephalic raphé neurones after transplantation to the adult rat central nervous system. II. Grafts to the hippocampus 225

Foster GA, Schultzberg M, Gage FH, Björklund A, Hökfelt T, Cuello AC, Verhofstad AAJ, Visser TJ, Emson PC: Transmitter expression and morphological development of embryonic medullary and mesencephalic raphé neurones after transplantation to the adult rat central nervous system. III. Grafts to the striatum 242
French M, see Greenfield SA, et al. 441
Gage FH, see Foster GA, et al. 225
Gage FH, see Foster GA, et al. 242
Gandevia SC, see Milne RJ, et al. 569
Garolini S, see Villani L, et al. 455
Gemba H, Sasaki K: Changes in cortical field potentials associated with learning processes of audio-initiated hand movements in monkeys 43
George MJ, see Armstrong-James M 155
Ghetti B, see Triarhou LC, et al. 256
Gnadt JW, Andersen RA: Memory related motor planning activity in posterior parietal cortex of macaque 216
Gómez C, see Delgado-García JM, et al. 585
Gooley SG, see Keating EG 385
Greenfield SA, Jack JJB, Last ATJ, French M: An electrophysiological action of acetylcholinesterase independent of its catalytic site 441
Grossman GE, Leigh RJ, Abel LA, Lanska DJ, Thurston SE: Frequency and velocity of rotational head perturbations during locomotion 470
Guarnieri T, see Villani L, et al. 455
Guido W, Salinger WL, Schroeder CE: Binocular interactions in the dorsal lateral geniculate nucleus of monocularly paralyzed cats: extraretinal and retinal influences . . . 417
Hajos M, Hjorth S, Svensson K, Carlsson A: In vivo dopamine (DA) receptor binding and behavioural effects of the putative DA autoreceptor antagonists (+)-AJ 76 and (+)-UH 232 in rats with a unilateral nigral 6-OH-DA lesion 577
Hayashi A, Kagamihara Y, Nakajima Y, Narabayashi H, Okuma Y, Tanaka R: Disorder in reciprocal innervation upon initiation of voluntary movement in patients with Parkinson's disease 437
Heinemann U, see Schubert P 539
Henry GH, see Bullier J, et al. 90
Hernandez-Mesa N, Mamedov Z, Bureš J: Licking during forced spout alternation in rats: resetting the pacemaker or disconnecting the motor output? 561
Heywood CA, Silveira LCL, Cowey A: Contrast sensitivity in rats with increased or decreased numbers of retinal ganglion cells 513
Hjorth S, see Hajos M, et al. 577
Hökfelt T, see Foster GA, et al. 225
Hökfelt T, see Foster GA, et al. 242
Hubbard JI, Hyland BI, Sirett NE: Distribution and projection of single units in the cat preoptic region responding to stimulation of the medial amygdala 449
Hyland BI, see Hubbard JI, et al. 449
Ichikawa T, see Isu N, et al. 181
Inagaki M, see Nakao S, et al. 632
Isu N, Uchino Y, Nakashima H, Satoh S, Ichikawa T, Watanabe S: Axonal trajectories of posterior canal-activated secondary vestibular neurons and their coactivation of extraocular and neck flexor motoneurons in the cat . . . 181
Izzo PN, see Bolam JP 361
Jack JJB, see Greenfield SA, et al. 441
Kagamihara Y, see Hayashi A, et al. 437
Katsarkas A, see Segal BN 26
Kawamura K, Nanami T, Kikuchi Y, Kitakami A: Grafted granule and Purkinje cells can migrate into the mature cerebellum of normal adult rats 477
Kay NE, see Milne RJ, et al. 569
Keating EG, Gooley SG: Disconnection of parietal and occipital access to the saccadic oculomotor system 385
Kikuchi Y, see Kawamura K, et al. 477
Kitakami A, see Kawamura K, et al. 477
Kleinschmidt A, see Bear MF, et al. 627
Klockgether T, Schwarz M, Turski L, Sontag K-H: Catalepsy after microinjection of haloperidol into the rat medial prefrontal cortex 445
Klockgether T, see Schwarz M, et al. 618
Koehler W, see Thier P, et al. 496
Kornhuber A, see Lang W, et al. 99
Kornhuber HH, see Lang W, et al. 99
Kosaka T, Tauchi M, Dahl JL: Cholinergic neurons containing GABA-like and/or glutamic acid decarboxylase-like immunoreactivities in various brain regions of the rat 605
Lackner JR, see Di Zio P 485
Lacour M, see Barthelemy J, et al. 287
Lacour M, see Xerri C, et al. 299
Lam DMK, see Yang S-Z, et al. 33
Lang M, see Lang W, et al. 99
Lang W, Lang M, Uhl F, Kornhuber A, Deecke L, Kornhuber HH: Left frontal lobe in verbal associative learning: a slow potential study 99
Lanska DJ, see Grossman GE, et al. 470
Last ATJ, see Greenfield SA, et al. 441
Latham A, see Shrewsbury-Gee J, et al. 342
Lavoie J, see Peyronnard JM, et al. 550
Leigh RJ, see Grossman GE, et al. 470
Li Q-L, see Nagano K, et al. 429
Lightman S, see Vallejo M, et al. 221
Lindvall O, see Brundin P, et al. 192
Lye RH, see Shrewsbury-Gee J, et al. 342
Mamedov Z, see Hernandez-Mesa N, et al. 561
Manning KA, see Evinger C 527
Markert G, Büttner U, Straube A, Boyle R: Neuronal activity in the flocculus of the alert monkey during sinusoidal optokinetic stimulation 134
Marshall I, see Vallejo M, et al. 221
Martin R, see Falke N 145
Matsumoto N, see Nagano K, et al. 429
Matsumura M, Cope T, Fetz EE: Sustained excitatory synaptic input to motor cortex neurons in awake animals revealed by intracellular recording of membrane potentials . 463
McCloskey DI, see Taylor JL 351
McCourt ME, see Bullier J, et al. 90
Meizerov ES, see Arshavsky Yu I, et al. 310
Messier JP, see Peyronnard JM, et al. 550
Miezin FM, see Petersen SE, et al. 55
Milne RJ, Aniss AM, Kay NE, Gandevia SC: Reduction in perceived intensity of cutaneous stimuli during movement: a quantitative study 569
Nagano K, Li Q-L, Tamada A, Matsumoto N: An analysis of postsynaptic potentials of tectal neurons of the frog: correlation with impulses recorded from the terminals of retinotectal afferents 429
Nakajima Y, see Hayashi A, et al. 437
Nakao S, Shiraishi Y, Oda H, Inagaki M: Direct inhibitory projection of pontine omnipause neurons to burst neurons in the Forel's field H controlling vertical eye movement-related motoneurons in the cat 632
Nakashima H, see Isu N, et al. 181
Nanami T, see Kawamura K, et al. 477
Narabayashi H, see Hayashi A, et al. 437
Nilsson OG, see Brundin P, et al. 192
Norton J, see Triarhou LC, et al. 256
Norton TT, see Wilson JR, et al. 399

Oda H, see Nakao S, et al. 632
Okuma Y, see Hayashi A, et al. 437
Orlovsky GN, see Arshavsky Yu I, et al. 310
Orlovsky GN, see Arshavsky Yu I, et al. 323
Orlovsky GN, see Arshavsky Yu I, et al. 332
Panchin Yu V, see Arshavsky Yu I, et al. 310
Panchin Yu V, see Arshavsky Yu I, et al. 323
Panchin Yu V, see Arshavsky Yu I, et al. 332
Paré D, see Smith Y, et al. 166
Parent A, see Smith Y, et al. 166
Passingham RE: Premotor cortex and preparation for movement 590
Petersen SE, Miezin FM, Allman JM: Transient and sustained in four extrastriate visual areas of the owl monkey . 55
Peyronnard JM, Charron LF, Messier JP, Lavoie J: Differential effects of distal and proximal nerve lesions on carbonic anhydrase activity in rat primary sensory neurons, ventral and dorsal root axons 550
Poulsen PH, see Finsen B, et al. 117
Rapaport DH, Stone J: The periphery effect in cat retinal ganglion cells: variation with functional class and eccentricity 73
Raphan T, see Schiff D, et al. 1
Rasmusson DD, Dykes RW: Long-term enhancement of evoked potentials in cat somatosensory cortex produced by co-activation of the basal forebrain and cutaneous receptors 276
Rogers LJ, Sink HS: Transient asymmetry in the projections of the rostral thalamus to the visual hyperstriatum of the chicken, and reversal of its direction by light exposure . . . 378
Rudomin P, see Dueñas SH 15
Salinger WL, see Guido W, et al. 417
Sasaki K, see Gemba H 43
Satoh S, see Isu N, et al. 181
Saverino O, see Villani L, et al. 455
Schelper RL, see Cox BF, et al. 61
Schiff D, Cohen B, Raphan T: Nystagmus induced by stimulation of the nucleus of the optic tract in the monkey . . . 1
Schmid R, see Buizza A, et al. 209
Schmidt W, Wolf G: High-affinity uptake of L-[^{3}H]glutamate and D-[^{3}H]aspartate during postnatal development of the hippocampal formation: a quantitative autoradiographic study 50
Schroeder CE, see Guido W, et al. 417
Schubert P, Heinemann U: Adenosine antagonists combined with 4-aminopyridine cause partial recovery of synaptic transmission in low Ca media 539
Schultzberg M, see Foster GA, et al. 225
Schultzberg M, see Foster GA, et al. 242
Schwarz M, see Klockgether T, et al. 445
Schwarz M, Klockgether T, Wüllner U, Turski L, Sontag K-H: δ-aminovaleric acid antagonizes the pharmacological actions of baclofen in the central nervous system 618
Segal BN, Katsarkas A: Goal-directed vestibulo-ocular function in man: gaze stabilization by slow-phase and saccadic eye movements 26
Shiraishi Y, see Nakao S, et al. 632
Shrewsbury-Gee J, Lye RH, Latham A, Slater P: The effects of TRH analogues on cerebral ischaemia produced by middle cerebral artery occlusion in the rat 342
Silveira LCL, see Heywood CA, et al. 513
Singer W, see Bode-Greuel KM 266
Singer W, see Bear MF, et al. 627
Sink HS, see Rogers LJ 378
Sirett NE, see Hubbard JI, et al. 449
Slater P, see Shrewsbury-Gee J, et al. 342
Smith Y, Paré D, Deschênes M, Parent A, Steriade M: Cholinergic and non-cholinergic projections from the upper brainstem core to the visual thalamus in the cat . . . 166
Sontag K-H, see Klockgether T, et al. 445
Sontag K-H, see Schwarz M, et al. 618
Steriade M, see Smith Y, et al. 166
Stone J, see Rapaport DH 73
Straube A, see Markert G, et al. 134
Strecker RE, see Brundin P, et al. 192
Svensson K, see Hajos M, et al. 577
Tamada A, see Nagano K, et al. 429
Tanaka R, see Hayashi A, et al. 437
Tauchi M, see Kosaka T, et al. 605
Taylor JL, McCloskey DI: Proprioception in the neck 351
Thier P, Koehler W, Buettner UW: Neuronal activity in the dorsolateral pontine nucleus of the alert monkey modulated by visual stimuli and eye movements 496
Thurston SE, see Grossman GE, et al. 470
Tranel D, Brady DR, Van Hoesen GW, Damasio AR: Parahippocampal projections to posterior auditory association cortex (area Tpt) in Old-World monkeys 406
Triarhou LC, Norton J, Ghetti B: Mesencephalic dopamine cell deficit involves areas A8, A9 and A10 in weaver mutant mice 256
Turski L, see Klockgether T, et al. 445
Turski L, see Schwarz M, et al. 618
Uchino Y, see Isu N, et al. 181
Uhl F, see Lang W, et al. 99
Vallejo M, Lightman S, Marshall I: Central cardiovascular effects of calcitonin gene-related peptide: interaction with noradrenaline in the nucleus tractus solitarius of rats 221
van den Berg AV, Collewijn H: Directional asymmetries of human optokinetic nystagmus 597
Van Hoesen GW, see Tranel D, et al. 406
Verhofstad AAJ, see Foster GA, et al. 225
Verhofstad AAJ, see Foster GA, et al. 242
Vidal PP, see Delgado-García JM, et al. 585
Villani L, Bissoli R, Garolini S, Guarnieri T, Battistini S, Saverino O, Contestabile A: Effect of AF64A on the cholinergic systems of the retina and optic tectum of goldfish 455
Visser TJ, see Foster GA, et al. 225
Visser TJ, see Foster GA, et al. 242
Watanabe S, see Isu N, et al. 181
Watt CB, see Yang S-Z, et al. 33
Widner H, see Brundin P, et al. 192
Wilson JR, Bullier J, Norton TT: Signal-to-noise comparisons for X and Y cells in the retina and lateral geniculate nucleus of the cat 399
Wolf G, see Schmidt W 50
Wu SM, see Yang S-Z, et al. 33
Wüllner U, see Schwarz M, et al. 618
Xerri C, see Barthelemy J, et al. 287
Xerri C, Barthelemy J, Borel L, Lacour M: Neuronal coding of linear motion in the vestibular nuclei of the alert cat. III. Dynamic characteristics of visual-otholith interactions 299
Yang S-Z, Watt CB, Lam DMK, Wu SM: Localization of neurotensin-like immunoreactive amacrine cells in the larval tiger salamander retina 33
Zimmer J, see Finsen B, et al. 117